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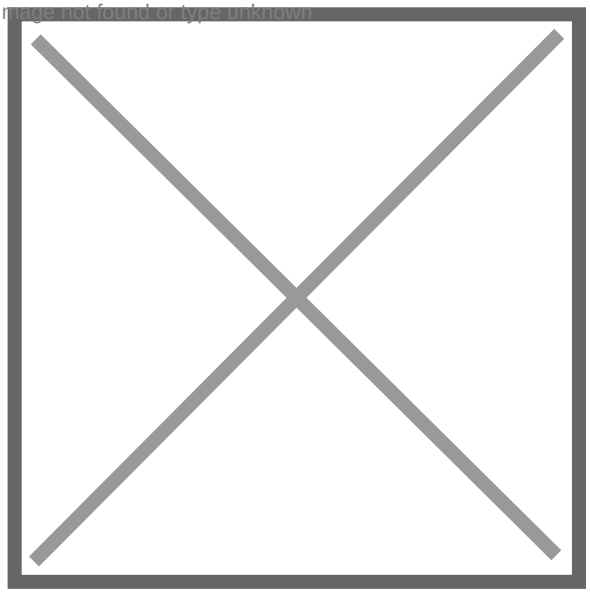
Product Name :

Stress-Test System (Treadmill)

Product Code :

SCL274 /044

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Description :

Stress-Test System (Treadmill) (Product Code: SCL274 /044) is a treadmill exercise ECG system used to record a 12-channel ECG while a patient walks or runs under controlled load in hospital cardiology departments. It doubles as a static PC ECG workstation and a dynamic stress-test system, and its treadmill runs from 0.1 to 15 km/h at grades of 0 to 25%. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Functions	Static acquisition (PC ECG workstation) and dynamic acquisition (stress test)
ECG recording	12-channel synchronous recording of the whole test
ECG display	1, 3, 6 or 12 channels
Test protocols	Standard or self-designed
Analysis	ST events, QT testing, automatic ST deviation for each lead, HRV analysis
Trend charts	Heart rate, ST and blood pressure
Blood pressure	Connects with dynamic blood pressure equipment; values can also be entered at any time
Data handling	Freeze, store and print 12-channel ECG; standard electronic reports for network transmission
ECG data transmission	Optional wireless or wired (USB)
Frequency response	0.05–100 Hz
50 Hz rejection	?60 dB
Input impedance	>6 M?
Common-mode rejection ratio	?90 dB
Sampling frequency	500 Hz
Treadmill drive	Brushless, low-noise AC variable-frequency motor with Toshiba frequency converter controlling speed and elevation
Elevation	Double-helix elevating system with infrared control
Running belt	Large, self-correcting and self-tensioning; 330 cm × 53 cm
Speed range	0.1–15 km/h
Grade range	0–25%
Regulation accuracy	0.2%
Trea	
Trea	

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